

BRIEF DESCRIPTION OF THE DRAWINGS

Notwithstanding any other forms which may fall within the scope of the present invention, preferred forms of the invention will now be described, by way of example only, with reference to the accompanying drawings in which:

Fig. 1 illustrates the method of the preferred embodiment; and

Fig. 2 illustrates a block diagram of the ARTCAM type camera.

DESCRIPTION OF PREFERRED AND OTHER EMBODIMENTS

The preferred embodiment is preferably implemented through suitable programming of a hand held camera device such as that described in the concurrently filed application, entitled "A Digital ~~Image~~ ^{applicant's reference ART01, USSN 09/113,060} ~~Printing~~ Camera with Image Processing Capability" filed concurrently herewith by the present applicant the content of which is hereby specifically incorporated by cross reference and the details of which, and other related applications are set out in the tables ^{above and} below. Figure 2 shows a block diagram thereof.

The aforementioned patent specification discloses a camera system, hereinafter known as an "Artcam" type camera, wherein sensed images can be directly printed out by an Artcam portable camera unit such as illustrated in Fig. 2. Further, the aforementioned specification discloses means and methods for performing various manipulations on images captured by the camera sensing device 30 leading to the production of various effects in any output image 40. The manipulations are disclosed to be highly flexible in nature and can be implemented through the insertion into the Artcam of cards having encoded thereon various instructions for the manipulation of images, the cards 9 hereinafter being known as Artcards. The Artcam further has significant onboard processing power by an Artcam Central Processor unit (ACP) 32 which is interconnected to a memory device 34 for the storage of important data and images.

In the preferred embodiment, autofocus is achieved by processing of a CCD data stream to ensure maximum contrast. Techniques for determining a focus position based on a CCD data stream are known. For example, reference is made to "The Encyclopedia of Photography" editors Leslie Stroebel and Richard Zakia, published 1993 by Butterworth-Heinemann and "Applied

CLEAN COPY OF SPECIFICATION

Page 7, lines 8 to 13, delete and replace with the following

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